

ABSTRACT:

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The invention relates to a wireless network comprising at least a base station (1 to 3) and a plurality of assigned terminals (4 to 14) for exchanging user data and control data. The base station (1 to 3) includes a device (21, 22) for correlating a signaling sequence transmitted by at least one terminal (4 to 14) to indicate the wish to use a contention channel 5 and for detecting the pulse evolved from a received and correlated signaling sequence. After a signaling sequence has been detected, the base station (1 to 3) transmits a provision message over a contention channel to be utilized by the assigned terminals (4 to 14).

Fig. 1